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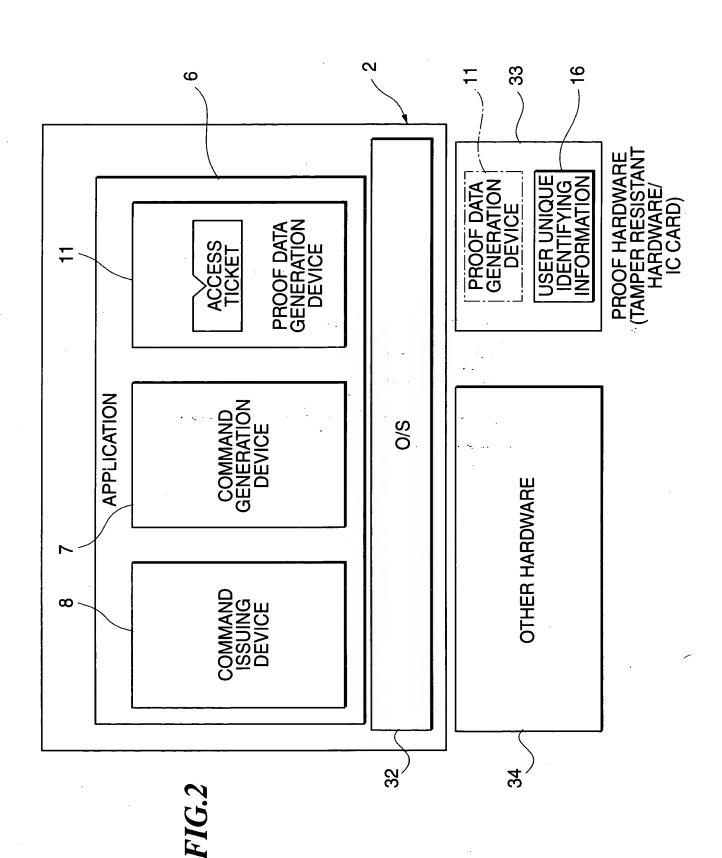
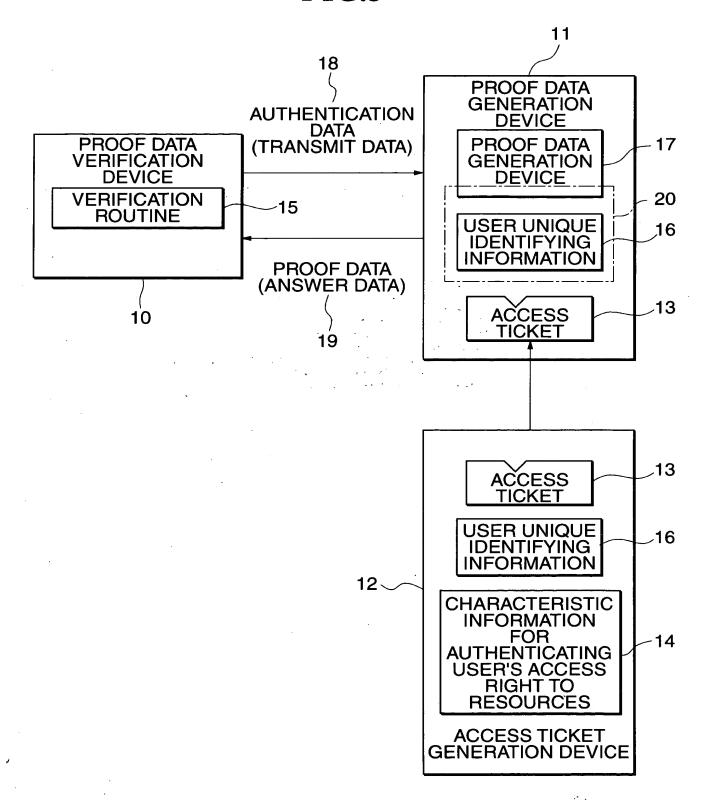
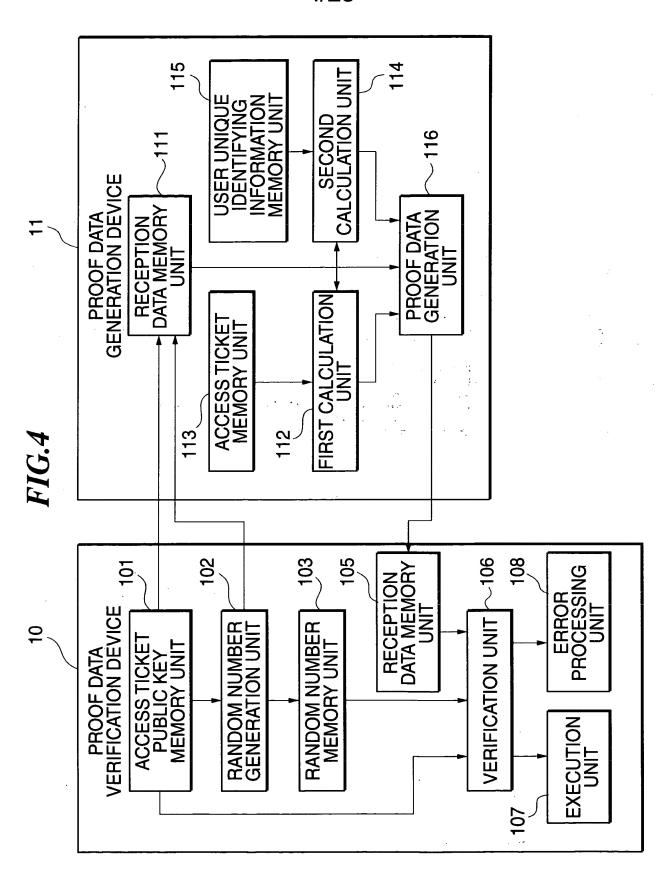
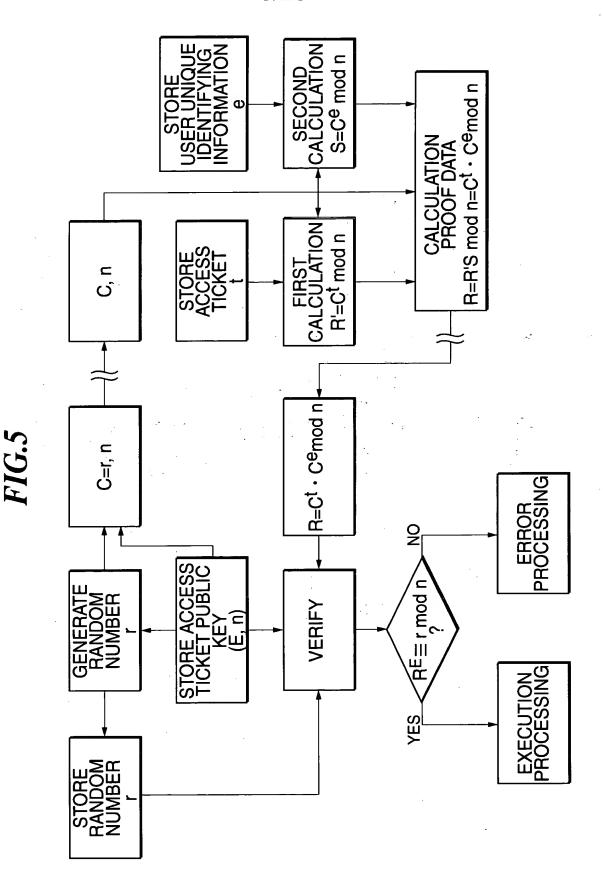
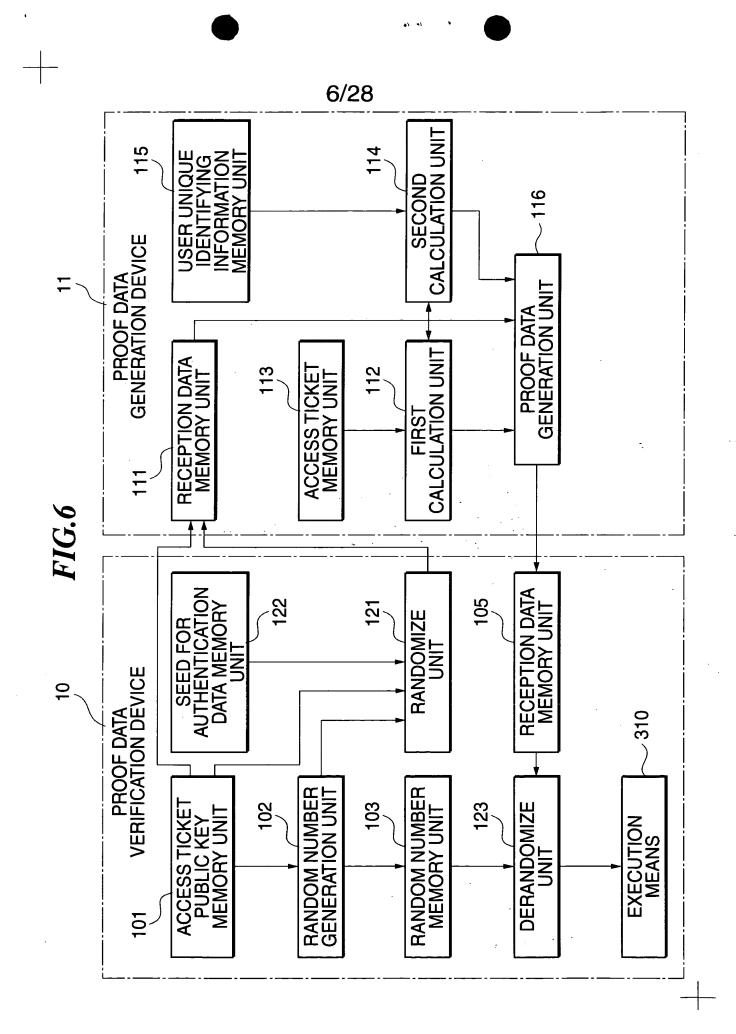


FIG.3









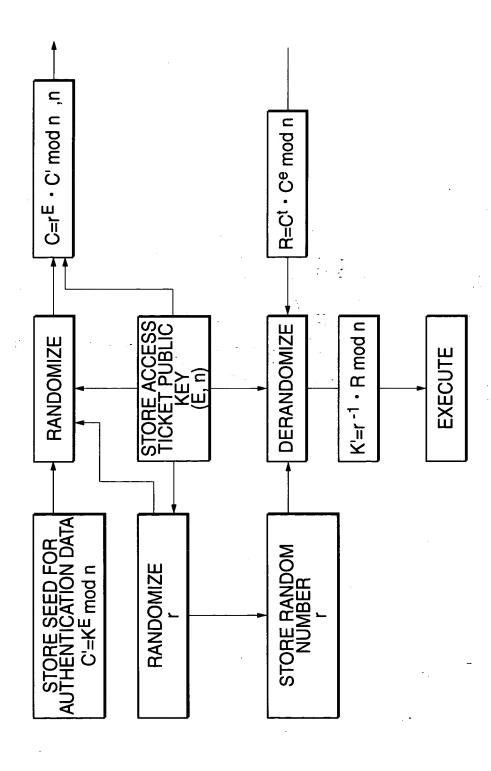
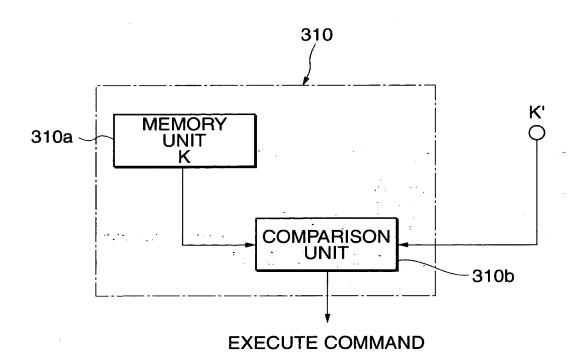


FIG.7

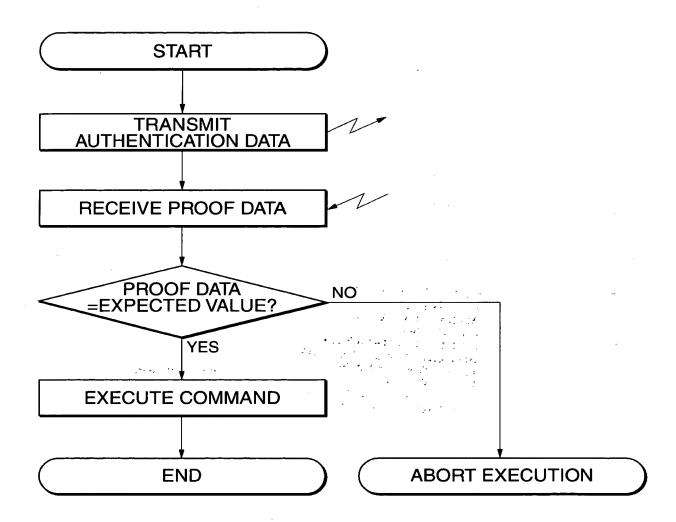
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*FIG.8* 



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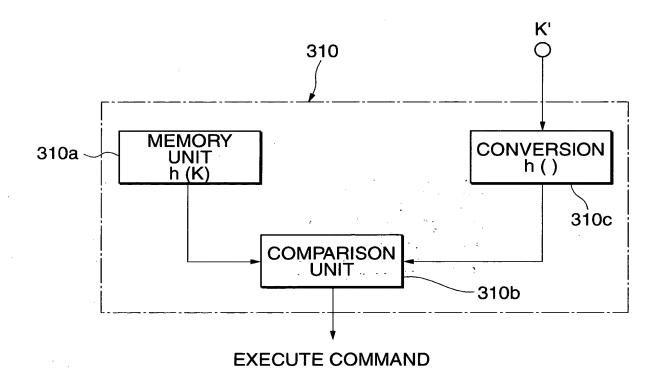
FIG.9



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FIG.10



**FIG.11** 

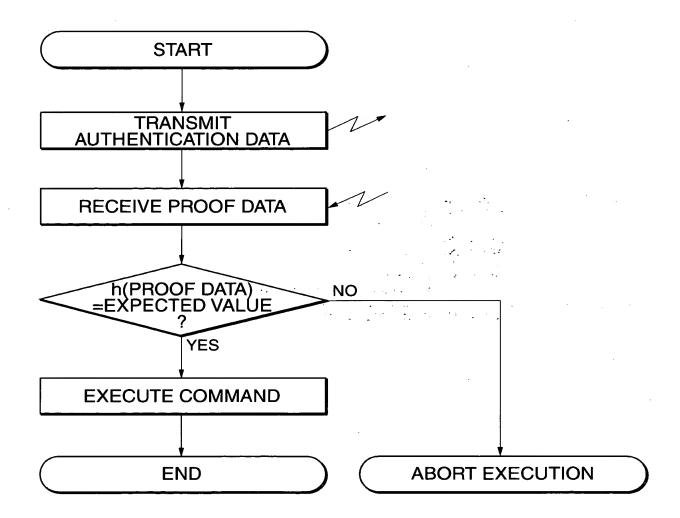


FIG.12

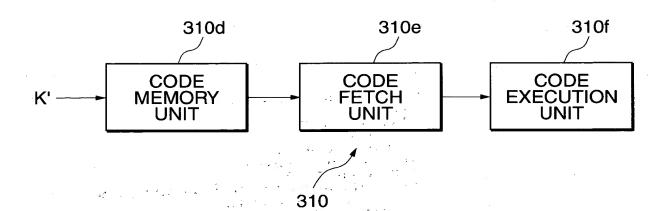


FIG.13

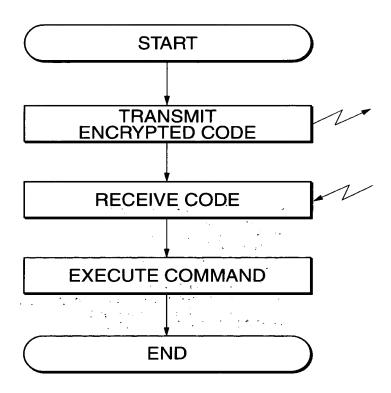
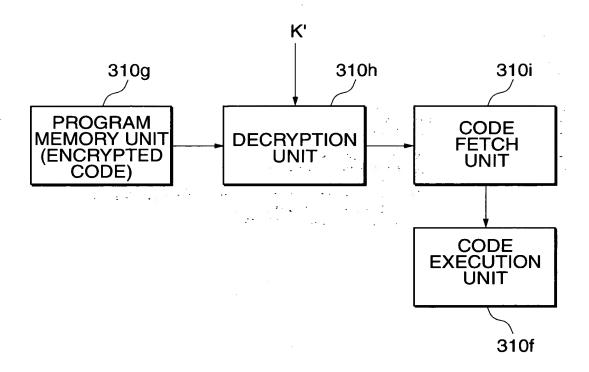


FIG.14

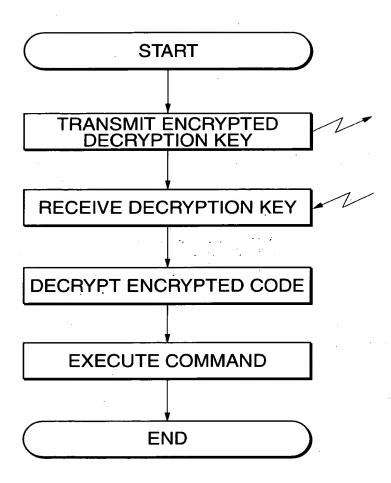


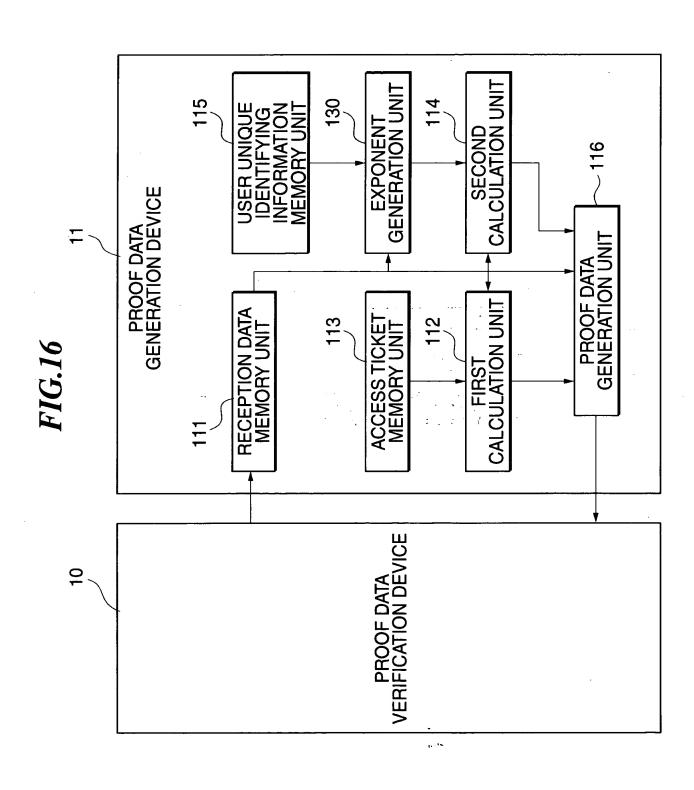
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FIG.15





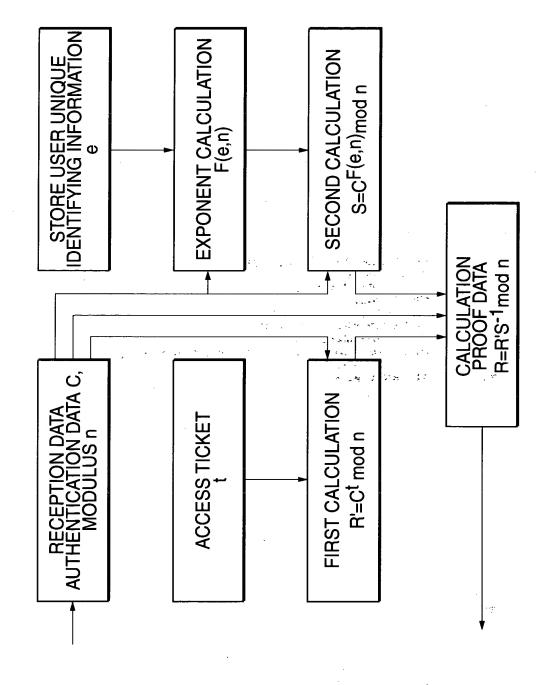
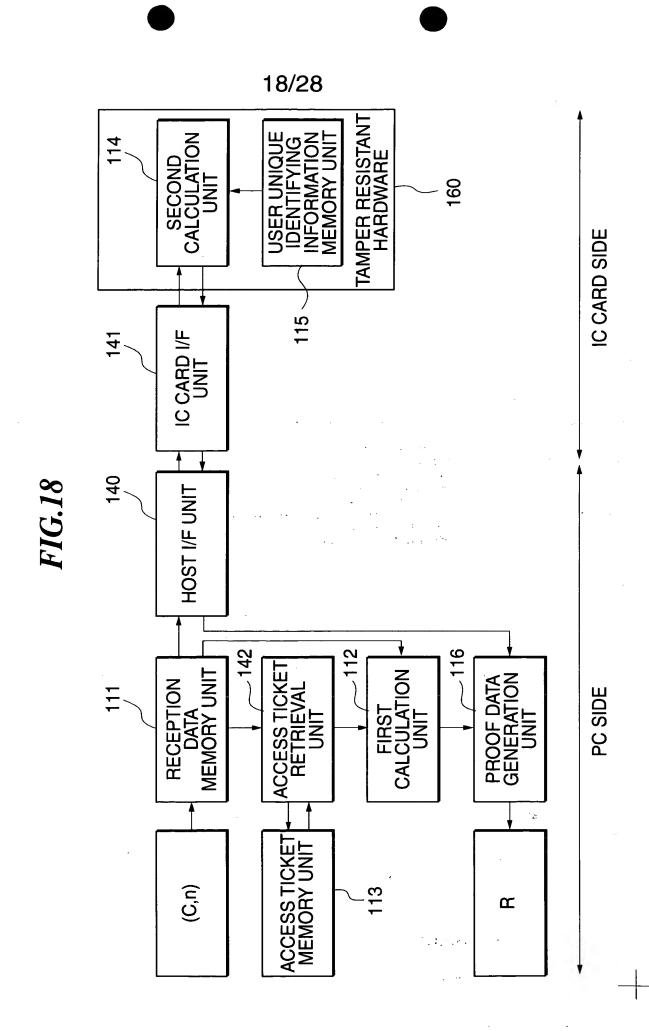
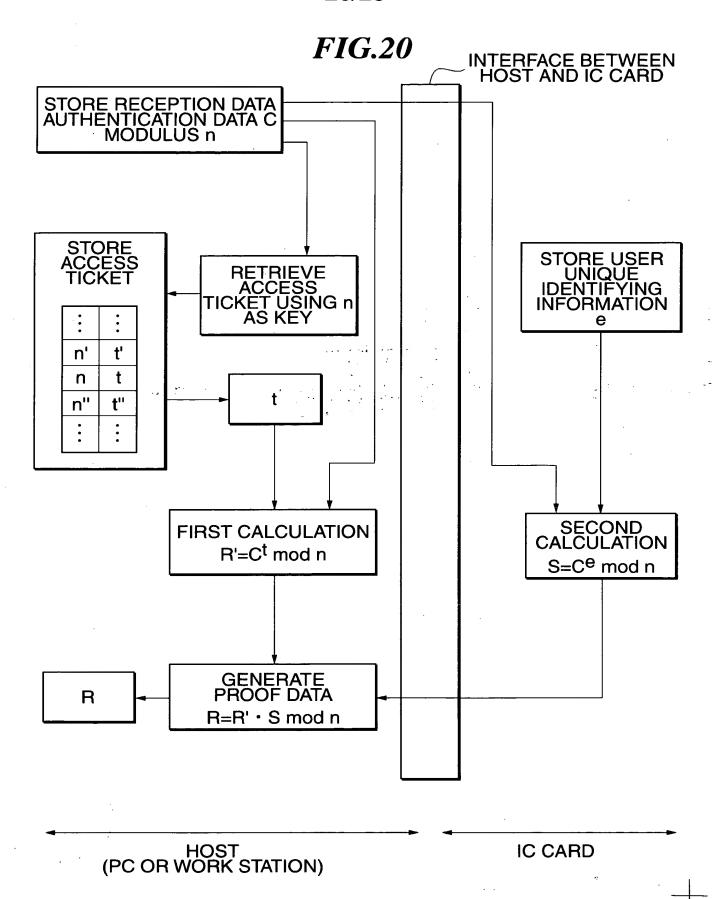
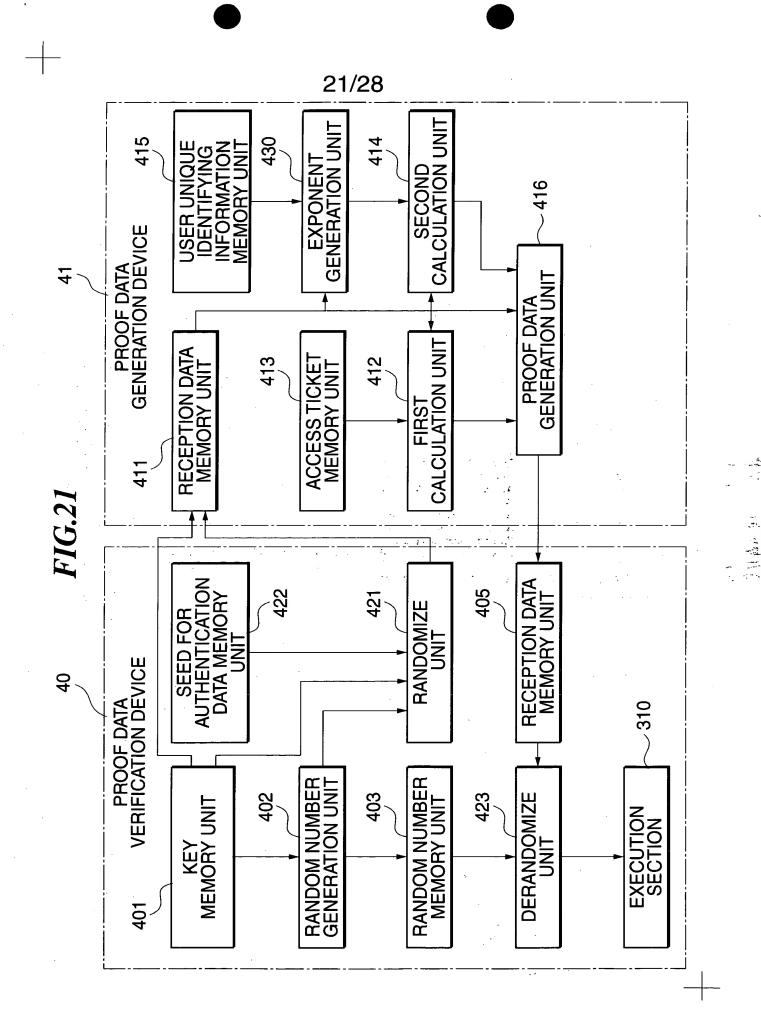
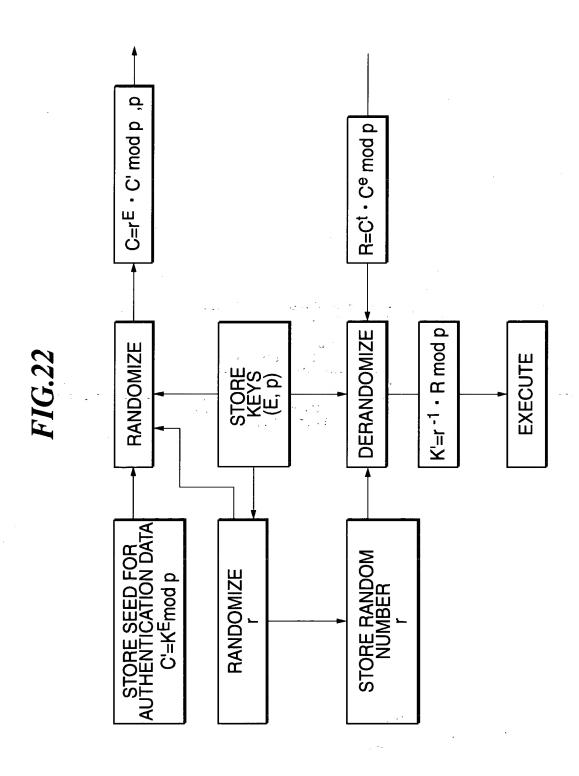


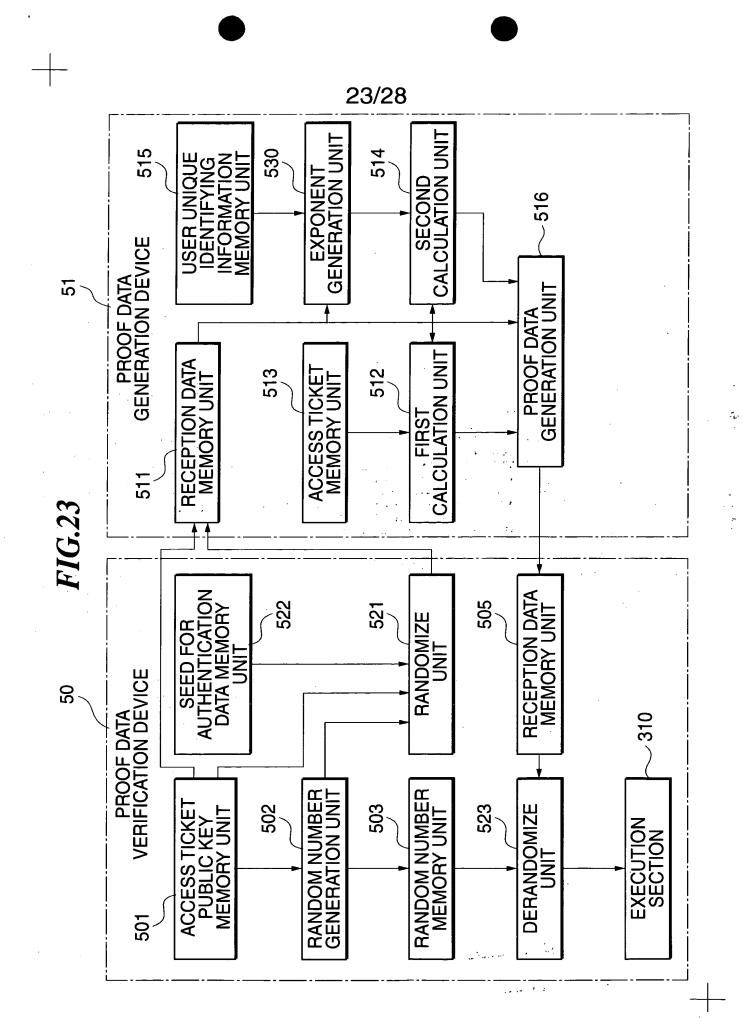
FIG.17









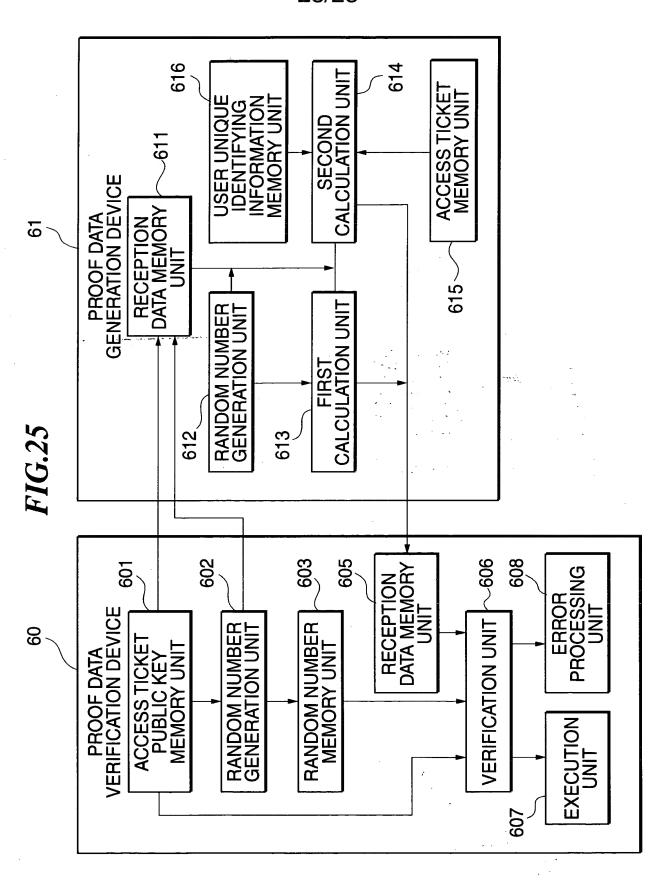


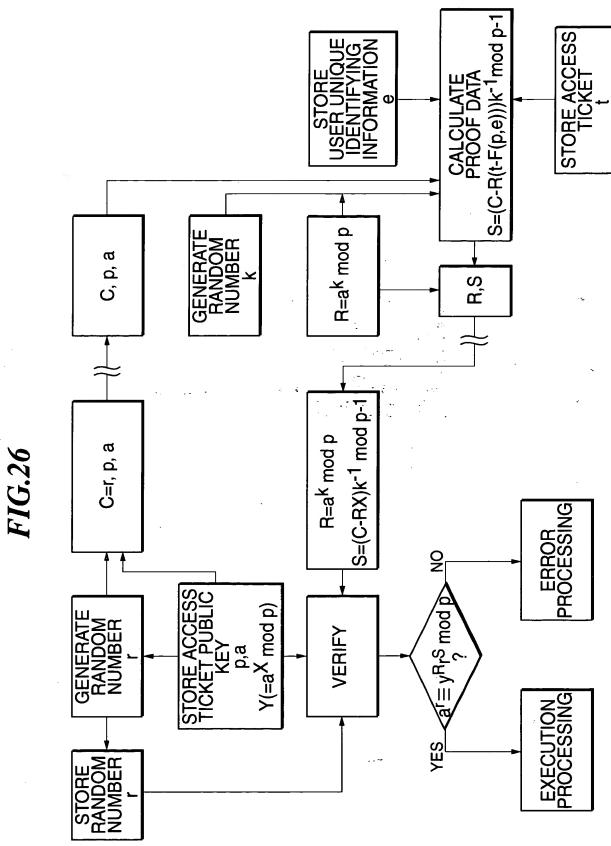
SECOND CALCULATION S'=u<sup>F</sup>(p,e)mod p USER ŬNIGUE IDENTIFYING INFORMATION GENERATE EXPONENT CALCULATION PROOF DATA R=S<sup>-1</sup> · S<sup>'</sup> · mod p u<sup>-1</sup> · u<sup>F</sup>(p,e) · C mod p F(p,e) FIRST CALCULATION S=ut mod p STORE ACCESS TICKET p,u,C  $R=u^{-t} \cdot u^{F(p,e)} \cdot C mod p$ (=r · u-X · YZ · K mod p) p,u C=rC' mod p **DERANDOMIZE** p,a Y(=a<sup>X</sup> mod p) K'=r-1R mod p RANDOMIZE STORE / SEED FOR AUTHENTICATION DATA MEMORY UNIT u=a<sup>z</sup> mod p C'=Y<sup>z</sup>K mod p GENERATE RANDOM NUMBER STORE RANDOM NUMBER

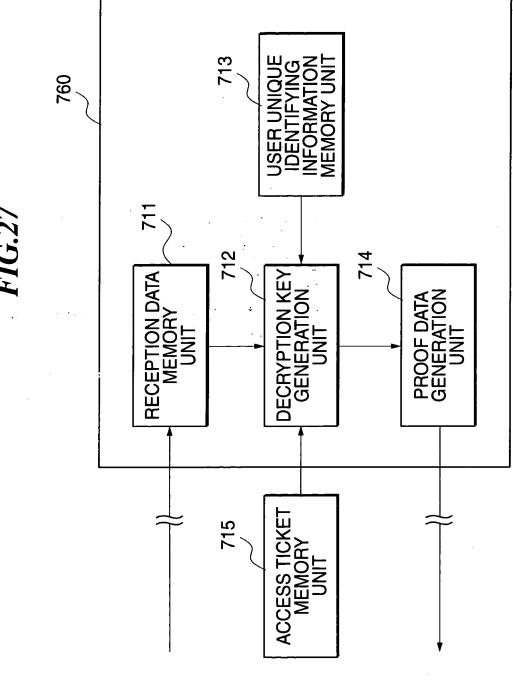
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**FIG.28** 

